

86159

Page 1

N900040100

Setup Start *NS1*

Stop *NS2*

4

4

Reference:

Approvals: Process Plan: ML5 Date: 12/06/21 Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Draw Nbr	Revision Nbr
D3280	Rev E

000

100

HAND FINISHING THERMOFORMING

Thermoform

Memo

0.00

Thermoforming Machine

Cut Blanks

105

0.00

105

Dry Material

HandThermo

Memo

0.00

Hand Finishing Thermoforming

Dry Sheet as per QSI022 POLYCARBONATE

Temp: 240° F

Time IN: 7:00 pm 17/06/24

Time OUT: 7:00 am 12/06/25

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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NOTE: Date & initial all entries

86159

Page 3

Accept

N900040100

Setup Start *NS1*

Stop *NS2*

Start Date: 21/06/2012 **Start Qty:** 4.00

4

Cust Item ID:

Required Date: 05/07/2012 Req'd Qty: 4.00

4

Customer:

Reference:

Run Start *NR1*

Approvals: **Process Plan:** _____ **Date:** _____ **Tooling:** _____ **Date:** _____

Stop *NR2*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

[illegible]

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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Work Order ID 86159***86159***

Page 4

June-21-12 10:05:08 AM

Item ID: D3280-3L08

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Floor Protector, RH

Start Date: 21/06/2012 Start Qty: 4.00

4

Cust Item ID:

Required Date: 05/07/2012 Req'd Qty: 4.00

4

Customer:

Reference:

Approvals:

Process Plan: _____

Date: _____

Tooling: _____

Date: _____

Run Start ***NR1***

QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop ***NR2***Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

170

QC21- Final Inspection - Work Order Release

0.00

170

QC

Memo

0.00

Quality Control

12/6/28 J

MF

12-06-28

W/O:		WORK ORDER CHANGES					
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NOTE: Date & initial all entries

Picklist Print

June-21-12 10:05:11 AM

Page 1

Work Order ID: 86159

86159

Parent Item: D3280-3L08

D3280-3L 08

Parent Item Name: Floor Protector, RH

Start Date: 21/06/2012

Required Date: 05/07/2012

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP Rev. C Added colour code to D3280-3 11/03/03 DL

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
MLEXS.118-90318-08		Purchased	No			100	sf	993.7469	4.333	18.24421			

MI FXS 118-90318-08

**

Lexan Sheet

Location

Loc Qty

Loc Code

therm

993.7469406

113127

993.746941

18.25 sq ft.

OK
12/06/2012

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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DART AEROSPACE LTD		Work Order:	86159
Description: R22 Floor Protector, RH		Part Number:	D3280-3
Inspection Dwg: D3280	Rev: E	Page 1 of 1	

FIRST ARTICLE INSPECTION CHECKLIST
THERMOFORMING SECTION

Description	Accept	Reject	Method of Inspection	Comments
Inside Radii less than 0.1875"	✓			
Shape Definition	✓			
Texture Retention	✓			
Material imperfections such as bumps, cracks, voids, scratching	✓			

Measured by:	<i>Wk</i>	Date:	12/06/25
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TRIMMING SECTION

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
18.3	+/-0.100	18.25"	✓			
15.8	+/-0.100	15.75"	✓			
12.1	+/-0.100	12.00"	✓			
0.95	+/-0.030	0.97"	✓			
0.25	+/-0.030	0.276"	✓			
0.070	Min	0.102"	✓			
0.050	Min	0.061"	✓			

Measured by:	<i>Wk</i>	Date:	12/06/26
Audited by:	<i>JB</i>	Date:	12/06/26
Preliminary Approval:		Date:	

Rev	Date	Change	Revised by	Approved
A	08.01.16	New Issue	KJ/DL	
B	08.04.16	Dimensions updated per Dwg Rev D	KJ/DL	
C	11.04.28	Dwg Rev updated	KJ	<i>[Signature]</i>

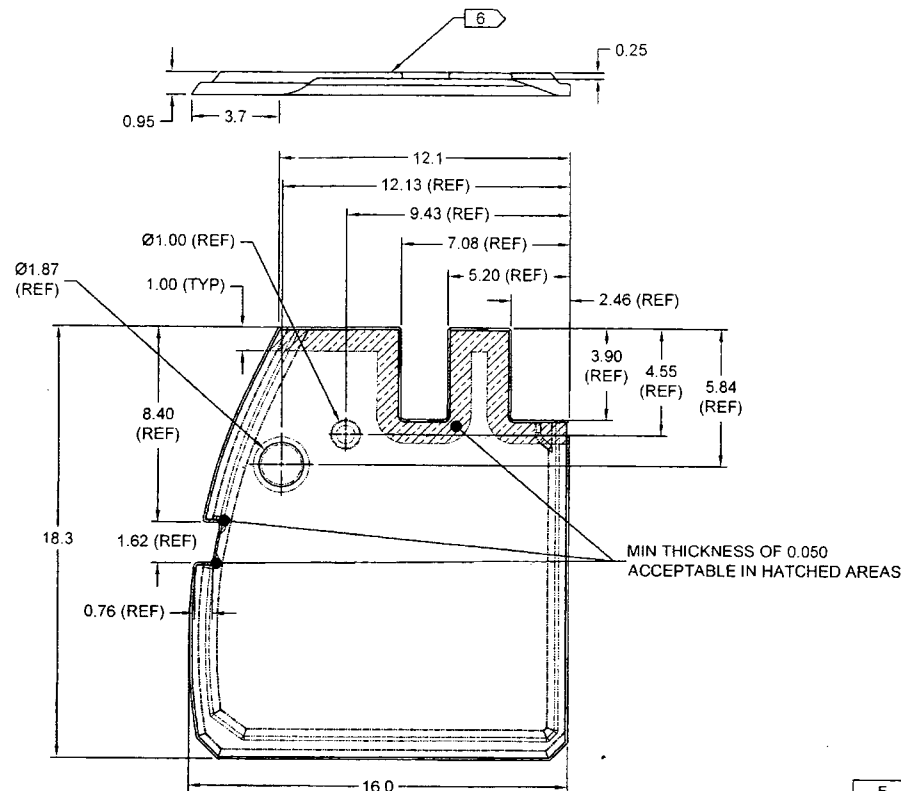
W/O:		WORK ORDER CHANGES					
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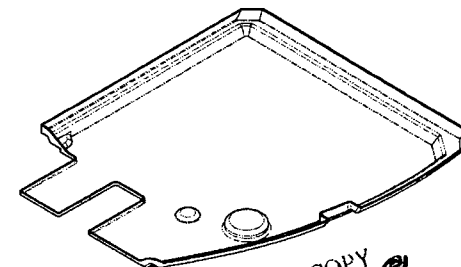
NOTE: Date & initial all entries



D3280-1 FLOOR PROTECTOR

D3280-1 NOTES:

- 1) MATERIAL: -1L02 = LEXAN F6006, BLACK No. 701, 0.093" THICK (MLEXS.093-F6006-02)
-1L08 = LEXAN 90318 (PROTECT-A-GLAZE), 0.118 THICK, 112-CLEAR (MLEXS.118-90318-08)
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3280-1Lxx" AND B/N PER QSI 044 6.4
- 7) WEIGHT: D3280-1L02 = 0.94 lb D3280-1L08 = 1.13 lb
- 8) THERMOFORM WITH MOLD D3280-1T1 PER DART QSI 022; TRIM AS SHOWN
MINIMUM THICKNESS AFTER FORMING: 0.070" EXCEPT WHERE INDICATED



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SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 2015912
12/20/12

RELEASED
2011-03-02

E	REVISE NOTES (ZN A8-1, A8-2)	RF	11.03.01
D	THICKNESS 0.093 WAS 0.125, MIN. THICKNESS 0.070 WAS 0.080, P/N & B/N ID WITH VIBRATING STYLUS (ZN A7-1, A7-2); CORRECT WEIGHTS (ZN A8-1, A8-2); HOLE SIZE Ø1.88 WAS Ø0.211 (ZN C7-1)	PH	08.03.28
C	UPDATE DIMS TO MATCH PARTS; COLOUR 701 WAS 700; GENERAL UPDATE	LE	07.10.12
B	NOW LEXAN; DIMS AS MANUFACTURED	CP	05.11.25
A	NEW ISSUE	CP	04.05.03
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE LTD	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	RF	DRAWING NO.	REV. E
MFG. APPR.	RF	D3280	SHEET 1 OF 2
APPROVED	RF	TITLE	SCALE
DE APPR.	RF	FLOOR PROTECTOR	NTS
DATE	11.03.01	COPYRIGHT © 2004 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

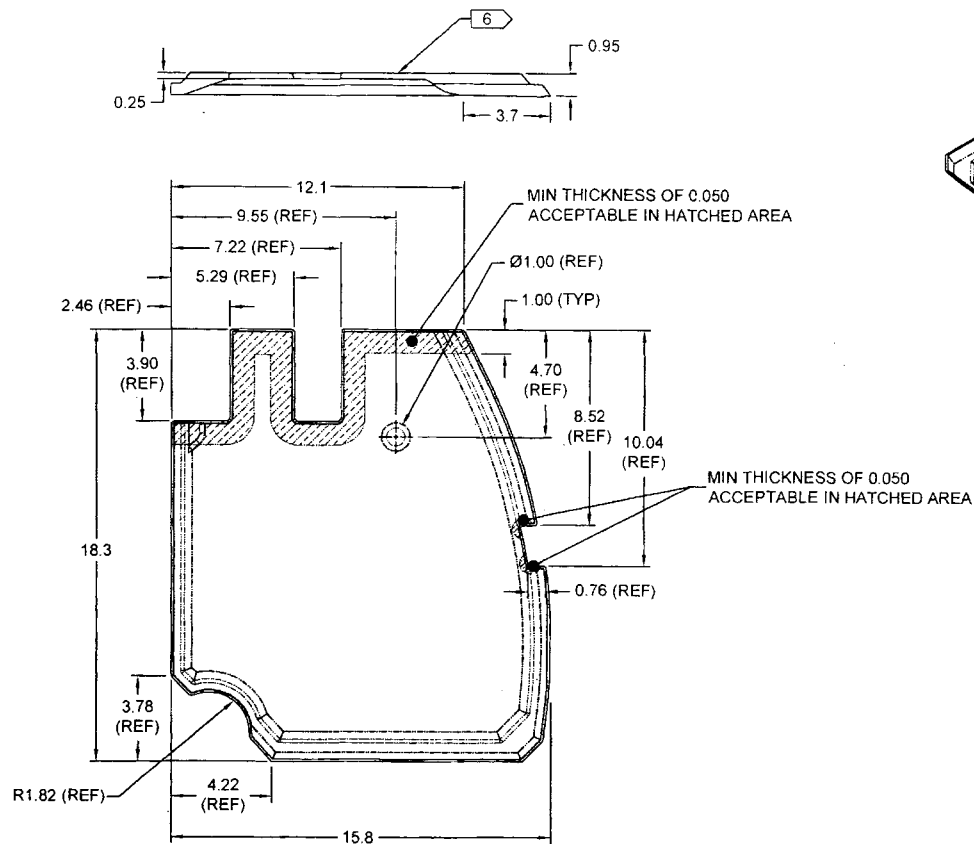
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



D3280-3 FLOOR PROTECTOR

D3280-3 NOTES:

- 1) MATERIAL: -3L02 = LEXAN F6006, BLACK No. 701, 0.093" THICK (MLEXS.093-F6006-02)
-3L08 = LEXAN 90318 (PROTECT-A-GLAZE), 0.118 THICK, 112-CLEAR (MLEXS.118-90318-08)
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3280-3Lxx" AND B/N PER QSI 044 6.4
- 7) WEIGHT: D3280-3L02 = 0.88 lb D3280-3L08 = 1.03 lb
- 8) THERMOFORM WITH MOLD D3280-3T1 PER DART QSI 022; TRIM AS SHOWN
MINIMUM THICKNESS AFTER FORMING: 0.070" EXCEPT WHERE INDICATED



RELEASED
2011-03-02

DESIGN	47	DART AEROSPACE LTD	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	#	DRAWING NO.	REV. E
MFG. APPR.	#	D3280	SHEET 2 OF 2
APPROVED	#	TITLE	SCALE
DE APPR.	#	FLOOR PROTECTOR	NTS
DATE	11.03.01	<small>COPYRIGHT © 2004 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

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